

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors PO ID PO30269 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies

Purchase Order ID/ Order ID/ Curr Type	Line Nbr/ Insp	Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Rev Date/ Rev Emp	Rev Qty (PO U/M)	Cost Per Unit/ Rev Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID/Vendor Name												
PO30269 USD	1	No	VL-TWM1001	TW Metals M304TR0.500W.035 f		11/2/2015	11/2/2015	60.0000	\$1.50	0.0000	0	\$90.00
				304 RD Tube .500 x f .035W ml133509		60.0000	DCUSER		\$90.00	0.0000	0	
	2	No		M304TR0.750W.049 f		11/2/2015	11/2/2015	60.0000	\$2.10	0.0000	0	\$126.00
				304 RD Tube .750 x f .049W ml133509		60.0000	DCUSER		\$126.00	0.0000	0	
	3	No		M6061T6T0.3125W. f 058		11/2/2015	11/2/2015	60.0000	\$2.50	0.0000	0	\$150.00
			ALUM TUBE .3125 f x .058w ml133509		60.0000	DCUSER		\$150.00	0.0000	0		
4	No		M6061T6T0.625W. f 25		11/2/2015	11/2/2015	48.0000	\$5.15	0.0000	0	\$247.20	
			6061-T6 RD Tube 0.625 X.125W ml133509		40.0000	DCUSER		\$247.20	0.0000	0		
5	No		71401-45		11/2/2015	11/2/2015	1.0000	\$0.00	0.0000	0	\$0.00	
			PROCUREMENT QUALITY CLAUSES ml133509		1.0000	DCUSER		\$0.00	0.0000	0		
Total Received Quantity:											229.0000	
Total Qty to Inspect (PO U/M):											0.0000	
Total Reject Quantity:											0.0000	
Total Receipt Value:											\$613.20	
Total Balance Due Quantity:											0.0000	



TW METALS
O'Neal High-Performance
Metals Group



PACKING SLIP

ORDER NO.: 60588810

FROM: CRAN

PAGE 1

CUST NUMBER: 1203820 **NET WGT:** **46.787** REQ.DATE: 11/02/15 CONFIRMED
SOLD TO:
DART AEROSPACE LTD SHIP TO:
1270 ABERDEEN ST DART AEROSPACE LTD
HAWKESBURY ON 1270 ABERDEEN ST
CANADA HAWKESBURY ON
CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 10/28/15
TERMS: NET 30 DAYS VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT FREIGHT: PREPAID
CUST ORD NO.: PO30269 RELEASE NO.:
RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH
0001 36449 SMLS CD 304/L A269 1/2 OD X .035 WA 20' ML

ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
60.000 FT	60.000 FT	60.000 FT	10.426	3

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00
PO:49324380 HT:YX1405817 PC: 3 CUSTOMER QTY: 60.000 UOM FT
MLT:CHINA MFG:CHINA SLB/CL:3-165

0002 36860 SMLS CD 304/L A269 3/4 OD X .049 WA 20' CL

ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
60.000 FT	60.000 FT	60.000 FT	22.003	3

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00
PO:49329273 HT:YX1411671 PC: 3 CUSTOMER QTY: 60.000 UOM FT
MLT:CHINA MFG:CHINA SLB/CL:4-25

0003 41723 D6061-T6 5/16 OD X .058 WA 12 FT ML

ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
60.000 FT	60.000 FT	60.000 FT	3.276	5

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
PO:49324038 HT:32704387 PC: 5 CUSTOMER QTY: 60.000 UOM FT
MLT:UNITED STATES MFG:UNITED STATES SLB/CL:281022

SP15-11-02

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



O'Neal High-Performance
Metals Group



PACKING SLIP

ORDER NO.: 60588810

FROM: CRAN

PAGE 2

CUST NUMBER: 1203820 **NET WGT:** **46.787** REQ.DATE: 11/02/15 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKESBURY ON HAWKESBURY ON
CANADA ONTARIO CANADA CN K6A 1K7 CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 10/28/15
TERMS: NET 30 DAYS VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT FREIGHT: PREPAID
CUST ORD NO.: PO30269 RELEASE NO.:
RECEIVING PHONE:

LINE	ITEM DESCRIPTION	WIDTH	LENGTH	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
0004	42588 D6061-T6 5/8 OD X .125 WA		12 FT ML	48.000 FT	48.000 FT	48.000 FT	11.082	4

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
PO:49330211 HT: F001858850001 PC: 4 CUSTOMER QTY: 48.000 UOM FT
MLT:UNITED STATES MFG:UNITED STATES SLB/CL:218040

BROKERS KUEHNE AND NAGEL LTD

AREA		TYPE OF PKG	PKGS	GRS	WEIGHT	WIDTH	LENGTH	HGHT
B		CARTON	1.000		51.000		20.5000	
			1.000		51.000			

BY: TW
RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED _____

DATE FILLED _____

THANK YOU FOR THIS ORDER

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O'Neal High-Performance
Metals Group



PACKING SLIP

ORDER NO.: 60588810

FROM: CRAN

PAGE 3

CUST NUMBER: 1203820 NET WGT: 46.787 REQ.DATE: 11/02/15 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKESBURY ON HAWKESBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 10/28/15
TERMS: NET 30 DAYS 27 ENGLEHARD DRIVE
F.O.B.: SHIPPING POINT MONROE TWP NJ 08831
CUST ORD NO.: PO30269
VIA: COMMON CARRIER
FREIGHT: PREPAID
RELEASE NO.:
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk Ccm Mcm Date: 10/27/15

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.

MILL TEST REPORT

Purchaser.: TW METALS-Cranbury				Certificate No.: 15-5-2					
Contract No.: TWM P.O.No.: M49324380				Date of Issue.: 2015.5.7					
Commodity: Stainless Steel Seamless Tubes				Specifications: ASTM A213-14/ASME SA213-14/ASTM A269-14 EAW					
Process: Cold Drawn				Delivery Condition: OD Polished to 240 Grit					
Steel Grade	Heat Number	Lot Number	Dimensions	Quantity					
				Pieces	Feet				
TP304/TP304L	YX1405-817	3-165	1/2" x 0.035" x 20'	350	7,000				
Chemical Composition by Weight (%)									
Element	C	Mn	P	S	Si	Cr	Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	18.00-20.00	8.00-12.00	-	-
Ladle Analysis	0.017	0.67	0.034	0.002	0.35	18.40	8.05	-	-
Product Analysis	0.020	0.72	0.032	0.002	0.35	18.30	8.45	-	-
Mechanical Properties									
Test Item	Elongation (% in 2")	Tensile Strength (PSI)		Yield Strength (PSI)					
		Rm	Rp / 0.2%						
Requirements	≥35	≥75,000		≥30,000					
Test Results	63/64	96,000/97,000		40,000/41,000					
Test Item	Reduction of Area Z (%)	Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test		
Requirements	-	HRB≤80	-	22%	e=0.09	-	-		
Test Results	-	77/79	-	Passed	Passed	-	OK		
Test Item	Eddy Current Test	Air Underwater Pressure Test	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection				
Requirements	ASTM E 426	-	-	ASTM A262 E	End Cut	Appearance			
Test Results	Passed	-	-	OK	OK	OK			

ISO 9001:2008 Certified by Intertek 110703068

PED Certified by SZUTEST 2195-PED-1221604

Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) All tubes tested per ASTM A1016-14
- (3) Materials is NACE MR0103-2007 compliant (per Section 2.5)
- (4) Materials is NACE MR0175/ISO 15156-2003 compliant (per Section 4.2.1)
- (5) In Compliance with EN 10204-3.1
- (6) In Compliance with RoHS Stipulation
- (7) No weld repair performed
- (8) Free from mercury contamination
- (9) Free from radioactive contamination
- (10) Billets melt and pipes/tubes manufactured in China
- (11) All tubes 100% PMI tested
- (12) All tubes 100% Eddy Current tested

DAS
14
9-89

15/11/03

CANNOT CERTIFY COMPLIANCE
FAR BAA / DFARS BAA / FAR TAA

By:

James Shi

James Shi / Manager

Quality Control Department

We hereby certify that this report is true and correct.

Shanghai Pufa Stainless Steel Pipe Factory

No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China

TEST	TW METALS		REPORTS
	JUN 17 2015		
	ACCEPTABLE BY		

PUFA™

Producer of Premium Stainless Steel Seamless Tubes

MILL TEST REPORT

Purchaser.: TW METALS-Cranbury				Certificate No.: 15-5-29					
Contract No.: TWM P.O.No.: M49329273				Date of Issue.: 2015.5.7					
Commodity: Stainless Steel Seamless Tubes		Specifications: ASTM A213-14/ASME SA213-13/ASTM A269-14 EAW							
Process: Cold Drawn		Delivery Condition: OD Polished to 240 Grit							
Steel Grade	Heat Number	Lot Number	Dimensions			Quantity			
						Pieces	Feet		
TP304/TP304L	YX1411-671	4-25	3/4" x 0.049" x 20"			250	5,000		
Chemical Composition by Weight (%)									
Element	C	Mn	P	S	Si	Cr	Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	18.00-20.00	8.00-12.00	-	-
Ladle Analysis	0.016	0.62	0.032	0.002	0.33	18.17	8.06	-	-
Product Analysis	0.022	0.62	0.036	0.002	0.31	18.33	8.31	-	-
Mechanical Properties									
Test Item	Elongation (% in 2")		Tensile Strength (PSI) Rm			Yield Strength (PSI) Rp / 0.2%			
Requirements	≥35		≥75,000			≥30,000			
Test Results	63/64		89,000/90,000			34,000/35,000			
Test Item	Reduction of Area Z (%)		Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test	
Requirements	-		HRB≤80	-	22%	e=0.09	-	-	
Test Results	-		75/77	-	Passed	Passed	-	OK	
Test Item	Eddy Current Test		Air Underwater Pressure Test	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection			
Requirements	ASTM E 426		-	-	ASTM A262 E	End Cut	Appearance		
Test Results	Passed		-	-	OK	OK	OK		

ISO 9001:2008 Certified by Intertek 110703068

PED Certified by SZUTEST 2195-PED-1221604

Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) All tubes tested per ASTM A1016-14
- (3) Materials is NACE MR0103-2007 compliant (per Section 2.5)
- (4) Materials is NACE MR0175/ISO 15156-2003 compliant (per Section 4.2.1)
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- (12) All tubes 100% Eddy Current tested

CANNOT CERTIFY COMPLIANCE
FAR BAA / DFARS BAA / FAR TAA

DAS

14

9-89

15/11/03



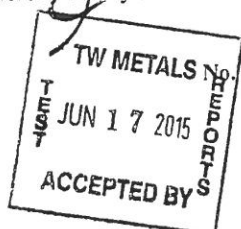
By:

James Shi

James Shi / Manager

Quality Control Department

We hereby certify that this report is true and correct.



Shanghai Pufa Stainless Steel Pipe Factory

59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China



PRECISION TUBE CO.
287 WISSAHICKON AVE.
NORTH WALES PA 19454

Control No: 168215**

CERTIFIED TEST REPORT

CUSTOMER PURCHASE ORDER NO. 49324038 LINE 001	CUST. ORD. NO. 281022	PRECISION TUBE P/N 24A031250580005
SOLD: TW METALS TO 27 ENGLEHARD DRIVE MONROE TWP, NJ 08831 UNITED STATES	SHIP: TW METALS TO 27 ENGLEHARD DRIVE MONROE TWP, NJ 08831 UNITED STATES	

QUANTITY ORD.	DESCRIPTION	QTY. SHIPPED	DATE SHIPPED
3000 FT	METAL - 6061 ALUM TEMPER - T6 SPEC - AMS 4082P ASTM-B-210-12 AMS-WW-T-700/6B LENGTH - 12 FT LGTH TOL +.1250 IN -.0000 IN SHAPE - ROUND FINISH - STRAIGHT EXACT LENGTHS OD (3125) +.0030 -.0030 ID WALL (.0580) +.0040 -.0040	3300 FT DAS 14 15/11/03 9-89	01/07/15

MECHANICAL PROPERTIES

SAMPLE #	TENSILE STRENGTH (P.S.I.)	YIELD STRENGTH (P.S.I.)	ELONGATION IN 2 INCHES (%)	ROCKWELL HARDNESS	AVERAGE GRAIN SIZE (MM.)
1	46,473	41,218	15		

TEST REPORT
TW METALS
JAN 08 2015
ACCEPTED BY

DESTRUCTIVE TESTS

Comments: FAR BAA COMPLIES, DFARS BAA COMPLIES, FAR TAA COMPLIES

NON-DESTRUCTIVE TESTS

EDDY CURRENT: PASS

CHEMICAL COMPOSITION

ALLOY:	6061	HEAT:	TRACEABILITY #: 32704387						
			RAW MATL VENDOR: PT45444 - Kaiser Aluminum						
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
Min	0.40		0.15		0.80	0.04			Rem.
Max	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	
OTHER ELEMENTS: 0.05 MAX EACH / 0.15 MAX TOTAL									

We hereby certify that the material has been manufactured and tested in accordance with the requirements of the applicable specifications and descriptions set forth on Precision Tube's sales acknowledgment. During the manufacturing, testing and inspection, the product did not come into direct contact with mercury or any of its compounds, nor with any mercury containing device employing a single boundary containment. Test results indicate that the material is compliant with the current revision of the RoHS Directive (2002/95/EU).

Melted and Manufactured in USA
QMS Registered to ISO 9001: 2008

By: Art Onaitis
Art Onaitis
QA Manager

01/07/15

Page: 1 of 1

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
2425 STEVENS DRIVE
RICHLAND, WA 99352

CUSTOMER PO NUMBER: PT45444		CUSTOMER PART NUMBER: SPIRIT-371850		PRODUCT DESCRIPTION: 5,400 LB/PC .500 LB/-0 LB 1.312 OD X .085 WALL ESRT	
KAISER ORDER NUMBER: 317897	LINE ITEM: 001	SHIP DATE: 11/25/2014	KAISER LOT NUMBER: 50751-284	ALLOY: 6061	TEMPER: O
WEIGHT SHIPPED: 10618.000 LB	QUANTITY: 1933.000 PCS	B/L NUMBER: 004598	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 13.984 FT
SHIP TO: PRECISION TUBE CO 287 WISSAHICKON AVENUE N. WALES, PA 19454 USA			SOLD TO: MUELLER INDUSTRIES, INC PRECISION TUBE 8285 TOURNAMENT DRIVE STE. 150 MEMPHIS, TN 38125 USA		



Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	%Elong in 2	HARDNESS	CONDUCT.	BEND
50751-284	0001	0001	19.5	8.7	19.8	N/A	N/A	N/A
50751-284	0001	0002	19.6	9.2	19.6	N/A	N/A	N/A
50751-284	0001	0003	19.3	8.7	20.3	N/A	N/A	N/A
50751-284	0001	0004	19.4	9.0	18.8	N/A	N/A	N/A
50751-284	0001	0005	19.7	9.1	19.3	N/A	N/A	N/A
50751-284	0001	0006	19.7	8.8	18.2	N/A	N/A	N/A
50751-284	0001	0007	19.5	9.3	19.9	N/A	N/A	N/A
50751-284	0001	0008	19.8	9.2	19.2	N/A	N/A	N/A
50751-284	0001	0009	19.2	8.6	19.9	N/A	N/A	N/A
50751-284	0001	0010	19.4	9.1	18.9	N/A	N/A	N/A
50751-284	0001	0011	19.7	8.7	21.4	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot.
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	.0
F73891	.60	.30	.23	.05	.97	.06	.06	.02	.00	.00	.00	.02	.05
F73885	.60	.30	.23	.05	.97	.06	.05	.02	.00	.00	.00	.01	.02
F73887	.57	.30	.22	.05	.98	.07	.11	.02	.00	.00	.00	.01	.02

Applicable Requirements:

ASTM-B241-12 NON-STENCILED ASTM-B221-13 ASTM-B345-11 AMS-QQ-A-200/8 97 (R07) TYPE I
UNS#A96061 Also conforms to EN 10204 3.1

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

Plant Serial: 00011377
Kaiser Order Number: 317897
Line Item: 001

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
2425 STEVENS DRIVE
RICHLAND, WA 99352

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

JOSEPH AMES, QUALITY MANAGER

Joseph Ames

Plant Serial: 00011377

Kaiser Order Number: 317897

Line Item: 001

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

CUSTOMER PO NUMBER: M49330211-1		CUSTOMER PART NUMBER: 42588		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 218040	LINE ITEM: 001	SHIP DATE: 04/13/2015	KAISER LOT NUMBER: F00185885	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 366.000 LB	QUANTITY: 132.000 PCS	B/L NUMBER: 218440	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: TW METALS INC 27 ENGLEHARD DRIVE EXIT 8A OFF NJ TPK MONROE TWP, NJ 08831 USA			SOLD TO: TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON% IACS	BEND
F00185885	0001	1	45.9	44.0	16.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D39623	.57	.26	.22	.04	1.01	.06	.01	.02	.00	.00	.00	.01	.02

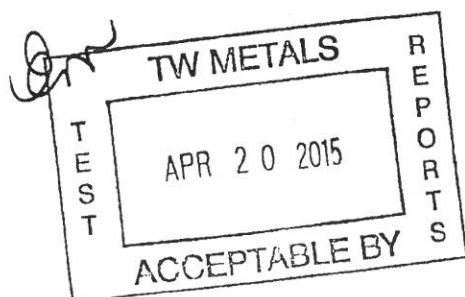
Applicable Requirements:

DAS
14
9-69 15/11/03

Description: OD: 0.6250"; Wall: 0.1250"; Round @
AMS-4082P AMS-WW-T-700/6B ASTM B210-12 WW-T-700/6F
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.
This Product Complies to FAR BAA, DFARS BAA, FAR TAA
COMPLIES TO DIN EN 10204 JAN 2005
No Weld Repair. Mercury Free.

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
TRADE AGREEMENTS).



KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Linda Adkins, Quality Manager

Linda Adkins

MATERIAL RECEIPT INSPECTION FORM

MATERIAL 304
DATE 15/10/03

PO / BATCH NO 30269/133509

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 60'
QUANTITY INSPECTED 60'
QUANTITY REJECTED _____

THICKNESS ORDERED RT. 500X.035
THICKNESS RECEIVED RT. 500X.035
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

Testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY <u>DAS</u>	SIGNED OFF BY _____		
DATE <u>15/11/03</u>	DATE _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL 304
DATE 15/11/03

PO / BATCH NO 30269/133509

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 60'
QUANTITY INSPECTED 60'
QUANTITY REJECTED _____

THICKNESS ORDERED RT .750X.049
THICKNESS RECEIVED RT .750 X.049
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY <u>DAS</u> <u>14</u> DATE <u>15/11/03</u>	SIGNED OFF BY _____ DATE _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL 6061 T6
DATE 15/11/03

PO / BATCH NO 30269/133509

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 60'
QUANTITY INSPECTED 60'
QUANTITY REJECTED _____

THICKNESS ORDERED RT.3125X.0584
THICKNESS RECEIVED RT.3125X.0584
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY DAS
14
DATE 15/11/03

SIGNED OFF BY _____
DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL 6061T6
DATE 15/11/03

PO / BATCH NO 30269/133509

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 48'
QUANTITY INSPECTED 48'
QUANTITY REJECTED _____

THICKNESS ORDERED RT.625X.125W
THICKNESS RECEIVED RT.625X.125W
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY <u>DAS</u> <u>14</u> DATE <u>15/11/03</u>	SIGNED OFF BY _____ DATE _____
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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO30269

Purchase Order Date 10/26/2015

PO Print Date 10/26/2015

Page Number 1 of 3

Order From :

VU-TWM001

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED

Contact Name

Vendor Phone 585 768 5600

Ship To Contact

Ship To Phone

Ship Via: YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency USD

FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304TR0.500W.035	304 RD Tube .500 x .035W	11/2/2015 Yes 11/2/2015		60.00 f	\$1.50	\$90.00
MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269							
Line Total:							\$90.00
2	M304TR0.750W.049	304 RD Tube .750 x .049W	11/2/2015 Yes 11/2/2015		60.00 f	\$2.10	\$126.00
MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269							
Line Total:							\$126.00

815-11-02

Note:

10/26/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30269**

Purchase Order Date 10/26/2015

PO Print Date 10/26/2015

Page Number 2 of 3

Order From :

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

VU-TWM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 585 768 5600

Ship To Contact

Ship To Phone

Ship Via: YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

3	M6061T6T0.3125W.058	ALUM TUBE .3125 x .058w	11/2/2015	60.00	✓	\$2.50	\$150.00
			Yes	f			
			11/2/2015				

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR
ASTM B241

Line Total: \$150.00

4	M6061T6T0.625W.125	6061-T6 RD Tube 0.625 X.125W	11/2/2015	40.00		\$5.15	\$206.00
			Yes				
			11/2/2015				

f need 48 f.
Sp 15-11-02.

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR
ASTM B241

Line Total: \$206.00

Note:

10/26/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30269**

Purchase Order Date 10/26/2015

PO Print Date 10/26/2015

Page Number 3 of 3

Order From :

VU-TWM001

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 585 768 5600

Ship To Contact

Ship To Phone

Ship Via: YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency USD

FOB FCA - (Free Carrier)

5	71401-45	PROCUREMENT QUALITY CLAUSES	11/2/2015	1.00	✓	\$0.00	\$0.00
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No

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

11/2/2015

Line Total: \$0.00

PO Total: \$572.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 10/26/2015